

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ming C. Hao et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: Herewith

Group Art Unit:

Title: SYSTEM AND METHOD FOR VISUAL RECOGNITION OF PATHS AND PATTERNS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either a:  
 Statement under 37 CFR 1.97(e), or  
 a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97 (d) together with a:  
 Statement under 37 CFR 1.97(e)(1) or (2), and  
 a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV 365 158 261 US

Respectfully submitted,

Date of Deposit 03/31/04

Ming C. Hao et al.

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450

By Barry D. Blount

By Carla Deblaw

Barry D. Blount

Attorney/Agent for Applicant(s)  
Reg. No. 35,069

Typed Name: Carla Deblaw

Date: 03/31/04

## PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449		ATTY. DOCKET NO. 200316184-1	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Ming C. Hao et al.		
(Use several sheets if necessary)		FILING DATE Herewith	GROUP	

## REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	5,588,117	12/24/96	Karp et al.	
1B	5,608,904	03/04/97	Chaudhuri et al.	
1C	5,694,591	12/02/97	Du et al.	
1D	5,742,778	04/21/98	Hao et al.	
1E	5,828,866	10/27/98	Hao et al.	
1F	5,844,553	12/01/98	Hao et al.	
1G	5,878,206	03/02/99	Chen et al.	
1H	5,903,891	05/11/99	Chen et al.	
1I	5,924,103	07/13/99	Ahmed et al.	
1J	5,940,839	08/17/99	Chen et al.	
1K	6,052,890	04/25/00	Malagrino Jr. et al.	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L					
1M					
1N					
1O					
1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	
1R	
1S	

EXAMINER

DATE CONSIDERED



## **PATENT APPLICATION**

Sheet 2 of 2

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR</b> <b>APPLICANT'S INFORMATION DISCLOSURE</b> <b>STATEMENT</b>  <b>(Use several sheets if necessary)</b>	<b>ATTY. DOCKET NO.</b>	<b>APPLICATION NO.</b>	<b>CONFIRMATION NO.</b>
	<b>200316184-1</b>		
	<b>APPLICANT</b> <b>Ming C. Hao et al.</b>		
<b>FILING DATE</b>	<b>GROUP</b>		
<b>Herewith</b>			

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	6,115,027	09/05/00	Hao et al.	
	2B	6,314,453	11/06/01	Hao et al.	
	2C	6,377,287	04/23/02	Hao et al.	
	2D	6,466,946	10/15/02	Mishra et al.	
	2E	6,502,091	12/31/02	Chundi et al.	
	2F	6,584,433	06/24/03	Zhang et al.	
	2G	6,658,358	12/02/03	Hao et al.	
	2H	6,684,206	01/27/04	Chen et al.	
	2I				
	2J				
	2K				

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**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

2Q	
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2S	

**EXAMINER**

**DATE CONSIDERED**